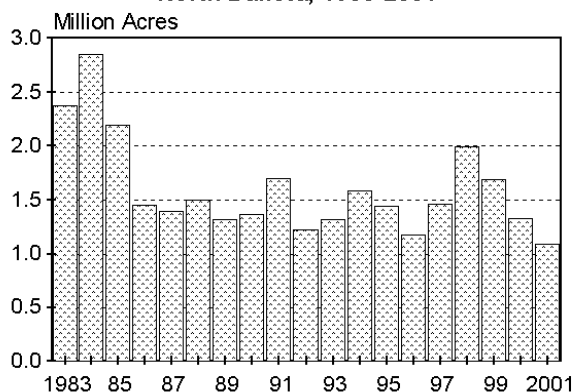
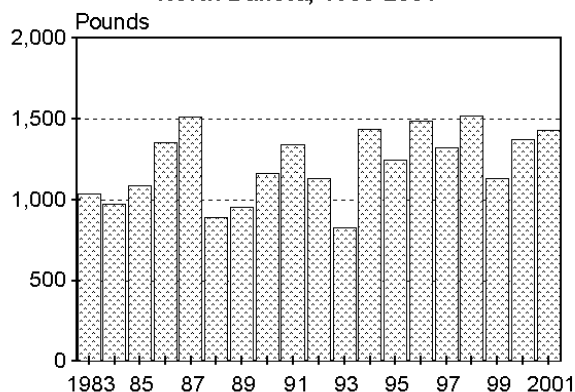


## SUNFLOWER

Sunflower Planted Acres  
North Dakota, 1983-2001Sunflower Yield Per Acre  
North Dakota, 1983-2001

SUNFLOWER, North Dakota, 1992-2001

| Crop               | Year | Acres Planted | Acres Harvested | Yield Per Acre | Production | Marketing Year Avg Price <sup>1/2/</sup> | Value of Production <sup>3/</sup> | Value Per Harvested Acre |
|--------------------|------|---------------|-----------------|----------------|------------|--|-----------------------------------|--------------------------|
| Sunflower, All     |      | --- 1,000 --- |                 | Lbs            | 1,000 Lbs  | Dols/Cwt                                 | 1,000 Dols                        | Dols                     |
|                    | 1992 | 1,225         | 1,120           | 1,134          | 1,269,800  | 9.97                                     | 123,418                           | 110.19                   |
|                    | 1993 | 1,320         | 1,165           | 830            | 966,900    | 13.00                                    | 123,339                           | 105.87                   |
|                    | 1994 | 1,590         | 1,535           | 1,435          | 2,203,250  | 10.70                                    | 235,590                           | 153.48                   |
|                    | 1995 | 1,450         | 1,400           | 1,247          | 1,746,200  | 11.90                                    | 203,754                           | 145.54                   |
|                    | 1996 | 1,180         | 1,165           | 1,488          | 1,733,750  | 12.10                                    | 206,524                           | 177.27                   |
|                    | 1997 | 1,470         | 1,410           | 1,321          | 1,862,900  | 11.80                                    | 219,979                           | 156.01                   |
|                    | 1998 | 1,990         | 1,960           | 1,517          | 2,972,800  | 10.90                                    | 307,016                           | 156.64                   |
|                    | 1999 | 1,700         | 1,645           | 1,134          | 1,866,250  | 8.18                                     | 154,576                           | 93.97                    |
|                    | 2000 | 1,330         | 1,265           | 1,374          | 1,738,650  | 7.46                                     | 125,169                           | 98.95                    |
| Sunflower, Oil     | 2001 | 1,090         | 1,075           | 1,428          | 1,535,100  | 9.60                                     | 146,557                           | 136.33                   |
|                    | 1992 | 1,100         | 1,020           | 1,140          | 1,162,800  | 9.39                                     | 109,187                           | 107.05                   |
|                    | 1993 | 1,100         | 970             | 840            | 814,800    | 12.30                                    | 100,220                           | 103.32                   |
|                    | 1994 | 1,350         | 1,310           | 1,450          | 1,899,500  | 10.10                                    | 191,850                           | 146.45                   |
|                    | 1995 | 1,250         | 1,210           | 1,250          | 1,512,500  | 11.20                                    | 169,400                           | 140.00                   |
|                    | 1996 | 900           | 890             | 1,500          | 1,335,000  | 10.90                                    | 145,515                           | 163.50                   |
|                    | 1997 | 1,150         | 1,100           | 1,330          | 1,463,000  | 11.10                                    | 162,393                           | 147.63                   |
|                    | 1998 | 1,600         | 1,580           | 1,540          | 2,433,200  | 9.38                                     | 228,234                           | 144.45                   |
|                    | 1999 | 1,250         | 1,220           | 1,150          | 1,403,000  | 6.56                                     | 92,037                            | 75.44                    |
|                    | 2000 | 1,010         | 965             | 1,410          | 1,360,650  | 6.06                                     | 82,455                            | 85.45                    |
| Sunflower, Non-oil | 2001 | 870           | 860             | 1,470          | 1,264,200  | 9.15                                     | 115,674                           | 134.50                   |
|                    | 1992 | 125           | 100             | 1,070          | 107,000    | 13.30                                    | 14,231                            | 142.31                   |
|                    | 1993 | 220           | 195             | 780            | 152,100    | 15.20                                    | 23,119                            | 118.56                   |
|                    | 1994 | 240           | 225             | 1,350          | 303,750    | 14.40                                    | 43,740                            | 194.40                   |
|                    | 1995 | 200           | 190             | 1,230          | 233,700    | 14.70                                    | 34,354                            | 180.81                   |
|                    | 1996 | 280           | 275             | 1,450          | 398,750    | 15.30                                    | 61,009                            | 221.85                   |
|                    | 1997 | 320           | 310             | 1,290          | 399,900    | 14.40                                    | 57,586                            | 185.76                   |
|                    | 1998 | 390           | 380             | 1,420          | 539,600    | 14.60                                    | 78,782                            | 207.32                   |
|                    | 1999 | 450           | 425             | 1,090          | 463,250    | 13.50                                    | 62,539                            | 147.15                   |
|                    | 2000 | 320           | 300             | 1,260          | 378,000    | 11.30                                    | 42,714                            | 142.38                   |

1/ Preliminary 2001 marketing year average (MYA) price is based on entire month price data through December 2001. Final 2001 MYA price will be published in November 2002. 2/ Marketings of oil and non oil sunflower used as weights to calculate all sunflower price. 3/ Value is computed by multiplying price by production.

SUNFLOWER, Stocks by Position, Quarterly, North Dakota, 1992-2001

| Year | Oil                      |                        |         | Non-oil |                        |         | All     |                        |         |
|------|--------------------------|------------------------|---------|---------|------------------------|---------|---------|------------------------|---------|
|      | On Farm                  | Off Farm <sup>1/</sup> | Total   | On Farm | Off Farm <sup>1/</sup> | Total   | On Farm | Off Farm <sup>1/</sup> | Total   |
|      | ----- 1,000 Pounds ----- |                        |         |         |                        |         |         |                        |         |
| 1992 | 63,000                   | 215,000                | 278,000 | 60,000  | 100,000                | 160,000 | 123,000 | 315,000                | 438,000 |
| 1993 | 5,900                    | 29,100                 | 35,000  | 9,100   | 29,400                 | 38,500  | 15,000  | 58,500                 | 73,500  |
| 1994 | 15,000                   | 30,400                 | 45,400  | 6,700   | 23,250                 | 29,950  | 21,700  | 53,650                 | 75,350  |
| 1995 | 20,500                   | 49,000                 | 69,500  | 20,300  | 32,200                 | 52,500  | 40,800  | 81,200                 | 122,000 |
| 1996 | 23,500                   | 113,200                | 136,700 | 5,000   | 43,600                 | 48,600  | 28,500  | 156,800                | 185,300 |
| 1997 | 87,500                   | 147,900                | 235,400 | 12,500  | 42,100                 | 54,600  | 100,000 | 190,000                | 290,000 |
| 1998 | 8,000                    | 74,300                 | 82,300  | 5,000   | 36,700                 | 41,700  | 13,000  | 111,000                | 124,000 |
| 1999 | 160,000                  | 116,200                | 276,200 | 14,000  | 39,300                 | 53,300  | 174,000 | 155,500                | 329,500 |
| 2000 | 83,000                   | 125,100                | 208,100 | 18,000  | 63,300                 | 81,300  | 101,000 | 188,400                | 289,400 |
| 2001 | 22,000                   | 68,100                 | 90,100  | 19,000  | 61,000                 | 80,000  | 41,000  | 129,100                | 170,100 |

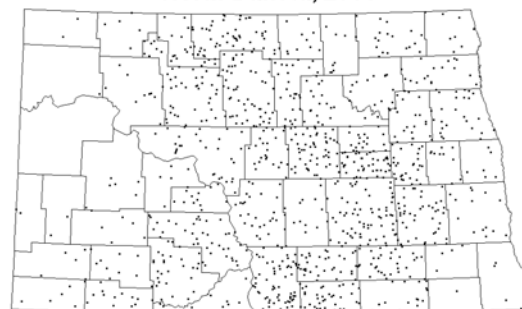
1/ Includes stocks at mills, elevators, warehouses, terminals and processors.

**ALL SUNFLOWER, Acreage and Production, North Dakota, 2001 <sup>1/</sup>**

| District and County  | 2001      |           |                |               |
|----------------------|-----------|-----------|----------------|---------------|
|                      | Planted   | Harvested | Yield Per Acre | Production    |
|                      | Acres     | Acres     | Lbs            | Lbs           |
| Burke                | 4,700     | 4,600     | 1,254          | 5,770,000     |
| Divide               | 2,400     | 2,400     | 1,288          | 3,090,000     |
| Mountrail            | 9,200     | 9,100     | 1,331          | 12,110,000    |
| Renville             | 19,800    | 19,600    | 1,676          | 32,840,000    |
| Ward                 | 44,200    | 44,100    | 1,637          | 72,190,000    |
| Williams             | 900       | 900       | 1,478          | 1,330,000     |
| Combined Counties    |           |           |                |               |
| <b>Northwest</b>     | 81,200    | 80,700    | 1,578          | 127,330,000   |
| Benson               | 23,200    | 23,000    | 1,447          | 33,280,000    |
| Bottineau            | 53,300    | 53,100    | 1,645          | 87,370,000    |
| McHenry              | 53,000    | 52,700    | 1,522          | 80,230,000    |
| Pierce               | 28,400    | 26,600    | 1,555          | 41,350,000    |
| Rolette              | 9,600     | 9,600     | 1,459          | 14,010,000    |
| Combined Counties    |           |           |                |               |
| <b>North Central</b> | 167,500   | 165,000   | 1,553          | 256,240,000   |
| Cavalier             | 19,000    | 18,800    | 1,276          | 23,990,000    |
| Grand Forks          | 26,500    | 24,900    | 1,454          | 36,210,000    |
| Nelson               | 23,000    | 22,200    | 1,347          | 29,900,000    |
| Pembina              | 7,600     | 7,600     | 1,336          | 10,150,000    |
| Ramsey               | 13,500    | 13,200    | 1,284          | 16,950,000    |
| Towner               | 8,200     | 8,200     | 1,496          | 12,270,000    |
| Walsh                | 18,200    | 17,700    | 1,635          | 28,940,000    |
| Combined Counties    |           |           |                |               |
| <b>Northeast</b>     | 116,000   | 112,600   | 1,407          | 158,410,000   |
| Dunn                 | 6,000     | 5,800     | 1,360          | 7,890,000     |
| McKenzie             |           |           |                |               |
| McLean               | 28,500    | 28,300    | 1,413          | 40,000,000    |
| Mercer               | 5,600     | 5,600     | 1,525          | 8,540,000     |
| Oliver               | 10,900    | 10,800    | 1,444          | 15,600,000    |
| Combined Counties    |           |           |                |               |
| <b>West Central</b>  | 51,000    | 50,500    | 1,426          | 72,030,000    |
| Eddy                 | 21,800    | 21,200    | 1,242          | 26,320,000    |
| Foster               | 39,500    | 39,300    | 1,300          | 51,080,000    |
| Kidder               | 12,900    | 12,900    | 1,473          | 19,000,000    |
| Sheridan             | 23,300    | 23,300    | 1,371          | 31,940,000    |
| Stutsman             | 73,500    | 72,200    | 1,182          | 85,340,000    |
| Wells                | 53,000    | 51,700    | 1,208          | 62,430,000    |
| Combined Counties    |           |           |                |               |
| <b>Central</b>       | 224,000   | 220,600   | 1,252          | 276,110,000   |
| Barnes               | 42,600    | 42,100    | 1,471          | 61,940,000    |
| Cass                 | 14,600    | 14,400    | 1,315          | 18,930,000    |
| Griggs               | 28,900    | 27,600    | 1,504          | 41,520,000    |
| Steele               | 9,600     | 9,500     | 1,681          | 15,970,000    |
| Traill               | 6,800     | 6,200     | 1,142          | 7,080,000     |
| Combined Counties    |           |           |                |               |
| <b>East Central</b>  | 102,500   | 99,800    | 1,457          | 145,440,000   |
| Adams                | 13,500    | 13,300    | 1,275          | 16,960,000    |
| Billings             | 1,500     | 1,500     | 1,767          | 2,650,000     |
| Bowman               | 5,500     | 5,500     | 1,338          | 7,360,000     |
| Golden Valley        | 2,000     | 2,000     | 1,245          | 2,490,000     |
| Hettinger            | 9,000     | 8,700     | 1,605          | 13,960,000    |
| Slope                | 4,500     | 4,500     | 1,553          | 6,990,000     |
| Stark                | 6,000     | 6,000     | 1,663          | 9,980,000     |
| Combined Counties    |           |           |                |               |
| <b>Southwest</b>     | 42,800    | 42,300    | 1,445          | 61,120,000    |
| Burleigh             | 31,400    | 31,300    | 1,365          | 42,730,000    |
| Emmons               | 63,700    | 63,500    | 1,588          | 100,830,000   |
| Grant                | 27,800    | 27,700    | 1,416          | 39,230,000    |
| Morton               | 37,600    | 37,500    | 1,533          | 57,500,000    |
| Sioux                | 11,500    | 11,500    | 1,522          | 17,500,000    |
| Combined Counties    |           |           |                |               |
| <b>South Central</b> | 172,000   | 171,500   | 1,503          | 257,790,000   |
| Dickey               | 17,400    | 17,300    | 1,371          | 23,710,000    |
| LaMoure              | 32,000    | 31,700    | 1,301          | 41,240,000    |
| Logan                | 35,800    | 35,500    | 1,485          | 52,730,000    |
| McIntosh             | 38,100    | 37,900    | 1,288          | 48,800,000    |
| Ransom               | 4,400     | 4,300     | 1,367          | 5,880,000     |
| Richland             | 4,300     | 4,300     | 1,556          | 6,690,000     |
| Sargent              | 1,000     | 1,000     | 1,580          | 1,580,000     |
| Combined Counties    |           |           |                |               |
| <b>Southeast</b>     | 133,000   | 132,000   | 1,368          | 180,630,000   |
| Combined Districts   |           |           |                |               |
| <b>STATE</b>         | 1,090,000 | 1,075,000 | 1,428          | 1,535,100,000 |

<sup>1/</sup> Data published in combined counties or districts to avoid disclosure of individual operations.

**All Sunflower Harvested Acres  
North Dakota, 2001**

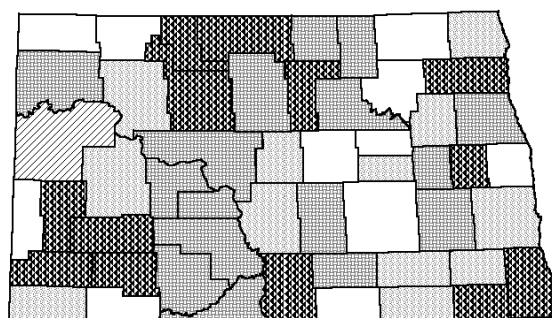


1 Dot = 1,000 Acres

Dots randomly placed within county.

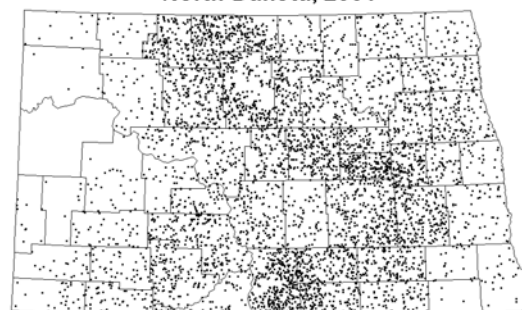
Blank counties represent none grown or undisclosed data.

**All Sunflower Yield Per Acre  
North Dakota, 2001**



1100 - 1299 Lbs    1400 - 1549 Lbs  
1300 - 1399 Lbs    1550 - 1800 Lbs  
None grown or undisclosed data

**All Sunflower Production  
North Dakota, 2001**



1 Dot = 300,000 Lbs

Dots randomly placed within county.

Blank counties represent none grown or undisclosed data.

## ALL SUNFLOWER, Acreage and Production, North Dakota, 2000 and 5-Year Average, 1996-2000

| District and County  | 2000 <sup>1/</sup> |           |                |               | 5-Year Average, 1996-2000 <sup>2/</sup> |           |                |               |
|----------------------|--------------------|-----------|----------------|---------------|---|-----------|----------------|---------------|
|                      | Planted            | Harvested | Yield Per Acre | Production    | Planted                                 | Harvested | Yield Per Acre | Production    |
|                      | Acres              | Acres     | Lbs            | Lbs           | Acres                                   | Acres     | Lbs            | Lbs           |
| Burke                | 4,900              | 4,800     | 1,125          | 5,400,000     |   |           |                |               |
| Divide               | 1,100              | 1,100     | 1,191          | 1,310,000     |   |           |                |               |
| Mountrail            | 5,800              | 5,600     | 1,230          | 6,890,000     |   |           |                |               |
| Renville             | 22,500             | 22,100    | 1,328          | 29,350,000    | 21,640                                  | 21,180    | 1,397          | 29,944,000    |
| Ward                 | 40,100             | 36,000    | 1,519          | 54,690,000    | 31,500                                  | 29,680    | 1,406          | 42,640,720    |
| Williams             | 800                | 800       | 1,100          | 880,000       | 920                                     | 880       | 1,065          | 964,000       |
| Combined Counties    | 400                | 400       | 1,200          | 480,000       |   |           |                |               |
| <b>Northwest</b>     | 75,600             | 70,800    | 1,398          | 99,000,000    | 67,360                                  | 64,720    | 1,343          | 88,562,940    |
| Benson               | 45,700             | 41,100    | 1,164          | 47,840,000    | 57,840                                  | 55,960    | 1,299          | 71,892,540    |
| Bottineau            | 66,500             | 62,800    | 1,216          | 76,390,000    | 42,160                                  | 40,580    | 1,384          | 56,207,680    |
| McHenry              | 55,100             | 51,600    | 1,362          | 70,300,000    | 49,620                                  | 48,220    | 1,315          | 63,353,560    |
| Pierce               | 31,900             | 27,700    | 1,231          | 34,100,000    | 36,560                                  | 35,000    | 1,364          | 47,662,000    |
| Rolette              | 13,800             | 12,800    | 1,150          | 14,720,000    | 11,420                                  | 10,900    | 1,325          | 14,815,220    |
| Combined Counties    |                    |           |                |               |   |           |                |               |
| <b>North Central</b> | 213,000            | 196,000   | 1,242          | 243,350,000   | 197,600                                 | 190,660   | 1,334          | 253,931,000   |
| Cavalier             | 27,800             | 26,500    | 1,211          | 32,100,000    | 42,920                                  | 40,600    | 1,321          | 54,536,300    |
| Grand Forks          | 31,500             | 29,000    | 1,213          | 35,180,000    | 33,400                                  | 32,380    | 1,207          | 39,796,720    |
| Nelson               | 31,900             | 29,200    | 1,243          | 36,300,000    | 54,880                                  | 53,320    | 1,318          | 71,790,680    |
| Pembina              | 8,700              | 8,500     | 1,431          | 12,160,000    | 12,540                                  | 12,160    | 1,407          | 17,069,020    |
| Ramsey               | 17,700             | 14,800    | 1,066          | 15,770,000    | 51,040                                  | 47,980    | 1,277          | 64,122,840    |
| Towner               | 15,700             | 13,500    | 1,094          | 14,770,000    | 20,780                                  | 19,840    | 1,317          | 27,379,060    |
| Walsh                | 28,700             | 27,500    | 1,390          | 38,220,000    | 34,840                                  | 33,560    | 1,368          | 45,744,280    |
| Combined Counties    |                    |           |                |               |   |           |                |               |
| <b>Northeast</b>     | 162,000            | 149,000   | 1,238          | 184,500,000   | 250,400                                 | 239,840   | 1,315          | 320,438,900   |
| Dunn                 | 7,000              | 6,900     | 1,130          | 7,800,000     |   |           |                |               |
| McKenzie             | 1,500              | 1,500     | 1,100          | 1,650,000     |   |           |                |               |
| McLean               | 21,500             | 20,400    | 1,392          | 28,390,000    | 16,740                                  | 15,840    | 1,321          | 21,307,960    |
| Mercer               | 4,900              | 4,800     | 1,304          | 6,260,000     |   |           |                |               |
| Oliver               | 7,600              | 7,400     | 1,527          | 11,300,000    |   |           |                |               |
| Combined Counties    |                    |           |                |               |   |           |                |               |
| <b>West Central</b>  | 42,500             | 41,000    | 1,351          | 55,400,000    | 29,260                                  | 28,020    | 1,283          | 36,278,360    |
| Eddy                 | 30,500             | 25,700    | 1,139          | 29,260,000    | 38,100                                  | 36,020    | 1,243          | 44,805,820    |
| Foster               | 65,000             | 62,000    | 1,271          | 78,830,000    | 61,600                                  | 60,380    | 1,331          | 80,257,440    |
| Kidder               | 11,500             | 10,800    | 1,708          | 18,450,000    | 10,020                                  | 9,740     | 1,514          | 14,160,420    |
| Sheridan             | 26,300             | 25,100    | 1,386          | 34,800,000    | 31,240                                  | 30,660    | 1,318          | 39,847,520    |
| Stutsman             | 98,700             | 97,300    | 1,457          | 141,800,000   | 123,940                                 | 122,060   | 1,347          | 164,662,700   |
| Wells                | 73,000             | 68,100    | 1,173          | 79,860,000    | 84,700                                  | 82,460    | 1,343          | 109,483,920   |
| Combined Counties    |                    |           |                |               |   |           |                |               |
| <b>Central</b>       | 305,000            | 289,000   | 1,325          | 383,000,000   | 349,600                                 | 341,320   | 1,333          | 453,217,820   |
| Barnes               | 60,000             | 59,100    | 1,479          | 87,410,000    | 108,020                                 | 105,040   | 1,421          | 150,021,600   |
| Cass                 | 18,500             | 17,400    | 1,341          | 23,330,000    | 39,320                                  | 38,240    | 1,412          | 54,656,780    |
| Griggs               | 34,900             | 32,500    | 1,382          | 44,920,000    | 39,360                                  | 38,140    | 1,453          | 56,139,660    |
| Steele               | 11,300             | 10,800    | 1,593          | 17,200,000    | 21,240                                  | 20,680    | 1,515          | 31,302,560    |
| Trail                | 7,300              | 7,200     | 1,353          | 9,740,000     | 11,760                                  | 11,380    | 1,378          | 15,594,840    |
| Combined Counties    |                    |           |                |               |   |           |                |               |
| <b>East Central</b>  | 132,000            | 127,000   | 1,438          | 182,600,000   | 219,700                                 | 213,480   | 1,433          | 307,715,440   |
| Adams                | 16,000             | 15,700    | 1,127          | 17,700,000    |   |           |                |               |
| Billings             | 500                | 500       | 1,240          | 620,000       |   |           |                |               |
| Bowman               | 7,800              | 7,500     | 1,200          | 9,000,000     |   |           |                |               |
| Golden Valley        | 2,300              | 2,300     | 1,096          | 2,520,000     |   |           |                |               |
| Hettinger            | 12,500             | 12,300    | 1,597          | 19,640,000    |   |           |                |               |
| Slope                | 5,100              | 5,000     | 1,220          | 6,100,000     |   |           |                |               |
| Stark                | 6,300              | 6,200     | 1,492          | 9,250,000     |   |           |                |               |
| Combined Counties    | 900                | 900       | 1,189          | 1,070,000     |   |           |                |               |
| <b>Southwest</b>     | 51,400             | 50,400    | 1,308          | 65,900,000    | 36,800                                  | 36,000    | 1,267          | 44,273,320    |
| Burleigh             | 29,700             | 27,500    | 1,562          | 42,950,000    | 20,720                                  | 19,640    | 1,427          | 28,313,500    |
| Emmons               | 71,900             | 70,600    | 1,704          | 120,280,000   | 44,520                                  | 44,000    | 1,457          | 67,130,000    |
| Grant                | 27,200             | 26,700    | 1,306          | 34,880,000    |   |           |                |               |
| Morton               | 33,700             | 33,400    | 1,672          | 55,840,000    | 20,320                                  | 20,060    | 1,300          | 28,067,664    |
| Sioux                | 7,500              | 7,500     | 1,713          | 12,850,000    |   |           |                |               |
| Combined Counties    |                    |           |                |               |   |           |                |               |
| <b>South Central</b> | 170,000            | 165,700   | 1,610          | 266,800,000   | 111,580                                 | 109,180   | 1,361          | 154,795,860   |
| Dickey               | 27,100             | 26,900    | 1,480          | 39,800,000    | 58,900                                  | 57,440    | 1,453          | 84,491,900    |
| LaMoure              | 57,500             | 56,700    | 1,330          | 75,410,000    | 90,600                                  | 88,400    | 1,363          | 121,531,780   |
| Logan                | 31,500             | 31,200    | 1,567          | 48,880,000    | 26,020                                  | 25,680    | 1,373          | 35,410,000    |
| McIntosh             | 44,600             | 43,700    | 1,571          | 68,640,000    | 39,040                                  | 38,500    | 1,372          | 53,211,580    |
| Ransom               | 7,500              | 7,300     | 1,479          | 10,800,000    | 28,120                                  | 27,360    | 1,433          | 39,872,980    |
| Richland             | 8,300              | 8,300     | 1,423          | 11,810,000    | 14,120                                  | 13,900    | 1,464          | 20,235,040    |
| Sargent              | 2,000              | 2,000     | 1,380          | 2,760,000     | 14,900                                  | 14,500    | 1,408          | 20,903,080    |
| Combined Counties    |                    |           |                |               |   |           |                |               |
| <b>Southeast</b>     | 178,500            | 176,100   | 1,466          | 258,100,000   | 271,700                                 | 265,780   | 1,416          | 375,656,360   |
| Combined Districts   |                    |           |                |               |   |           |                |               |
| <b>STATE</b>         | 1,330,000          | 1,265,000 | 1,374          | 1,738,650,000 | 1,534,000                               | 1,489,000 | 1,367          | 2,034,870,000 |

<sup>1/</sup> Data published in combined counties or districts to avoid disclosure of individual operations. <sup>2/</sup> Five year averages are calculated for those counties and districts which have all five years of published class data (oil and non-oil). Some counties or districts are not published to avoid disclosure of individual data.

OIL and NON-OIL SUNFLOWER, Acreage and Production, North Dakota, 2001 <sup>1/</sup>

| District and County  | Oil     |           |                |               | Non-oil |           |                |             |
|----------------------|---------|-----------|----------------|---------------|---------|-----------|----------------|-------------|
|                      | Planted | Harvested | Yield Per Acre | Production    | Planted | Harvested | Yield Per Acre | Production  |
|                      | Acres   | Acres     | Lbs            | Lbs           | Acres   | Acres     | Lbs            | Lbs         |
| Burke                | 4,000   | 3,900     | 1,297          | 5,060,000     | 700     | 700       | 1,014          | 710,000     |
| Divide               | 1,600   | 1,600     | 1,269          | 2,030,000     | 800     | 800       | 1,325          | 1,060,000   |
| Mountrail            | 8,000   | 7,900     | 1,332          | 10,520,000    | 1,200   | 1,200     | 1,325          | 1,590,000   |
| Renville             | 19,000  | 18,800    | 1,688          | 31,740,000    | 800     | 800       | 1,375          | 1,100,000   |
| Ward                 | 42,500  | 42,400    | 1,643          | 69,650,000    | 1,700   | 1,700     | 1,494          | 2,540,000   |
| Williams             | 900     | 900       | 1,478          | 1,330,000     |         |           |                |             |
| Combined Counties    |         |           |                |               |         |           |                |             |
| <b>Northwest</b>     | 76,000  | 75,500    | 1,594          | 120,330,000   | 5,200   | 5,200     | 1,346          | 7,000,000   |
| Benson               | 15,000  | 14,900    | 1,412          | 21,040,000    | 8,200   | 8,100     | 1,511          | 12,240,000  |
| Bottineau            | 46,000  | 45,900    | 1,650          | 75,720,000    | 7,300   | 7,200     | 1,618          | 11,650,000  |
| McHenry              | 50,000  | 49,700    | 1,547          | 76,890,000    | 3,000   | 3,000     | 1,113          | 3,340,000   |
| Pierce               | 25,000  | 23,500    | 1,600          | 37,600,000    | 3,400   | 3,100     | 1,210          | 3,750,000   |
| Rolette              | 9,000   | 9,000     | 1,462          | 13,160,000    | 600     | 600       | 1,417          | 850,000     |
| Combined Counties    |         |           |                |               |         |           |                |             |
| <b>North Central</b> | 145,000 | 143,000   | 1,569          | 224,410,000   | 22,500  | 22,000    | 1,447          | 31,830,000  |
| Cavalier             | 2,000   | 2,000     | 1,465          | 2,930,000     | 17,000  | 16,800    | 1,254          | 21,060,000  |
| Grand Forks          | 17,000  | 15,500    | 1,519          | 23,540,000    | 9,500   | 9,400     | 1,348          | 12,670,000  |
| Nelson               | 12,000  | 11,900    | 1,603          | 19,070,000    | 11,000  | 10,300    | 1,051          | 10,830,000  |
| Pembina              | 5,000   | 5,000     | 1,430          | 7,150,000     | 2,600   | 2,600     | 1,154          | 3,000,000   |
| Ramsey               | 3,000   | 3,000     | 1,520          | 4,560,000     | 10,500  | 10,200    | 1,215          | 12,390,000  |
| Towner               | 4,000   | 4,000     | 1,420          | 5,680,000     | 4,200   | 4,200     | 1,569          | 6,590,000   |
| Walsh                | 12,000  | 11,600    | 1,602          | 18,580,000    | 6,200   | 6,100     | 1,698          | 10,360,000  |
| Combined Counties    |         |           |                |               |         |           |                |             |
| <b>Northeast</b>     | 55,000  | 53,000    | 1,538          | 81,510,000    | 61,000  | 59,600    | 1,290          | 76,900,000  |
| Dunn                 | 5,000   | 4,800     | 1,348          | 6,470,000     | 1,000   | 1,000     | 1,420          | 1,420,000   |
| McKenzie             |         |           |                |               |         |           |                |             |
| McLean               | 25,200  | 25,000    | 1,358          | 33,960,000    | 3,300   | 3,300     | 1,830          | 6,040,000   |
| Mercer               | 4,800   | 4,800     | 1,542          | 7,400,000     | 800     | 800       | 1,425          | 1,140,000   |
| Oliver               | 10,000  | 9,900     | 1,483          | 14,680,000    | 900     | 900       | 1,022          | 920,000     |
| Combined Counties    |         |           |                |               |         |           |                |             |
| <b>West Central</b>  | 45,000  | 44,500    | 1,405          | 62,510,000    | 6,000   | 6,000     | 1,587          | 9,520,000   |
| Eddy                 | 12,000  | 11,600    | 1,515          | 17,570,000    | 9,800   | 9,600     | 911            | 8,750,000   |
| Foster               | 18,500  | 18,400    | 1,493          | 27,480,000    | 21,000  | 20,900    | 1,129          | 23,600,000  |
| Kidder               | 12,000  | 12,000    | 1,506          | 18,070,000    | 900     | 900       | 1,033          | 930,000     |
| Sheridan             | 18,500  | 18,500    | 1,447          | 26,770,000    | 4,800   | 4,800     | 1,077          | 5,170,000   |
| Stutsman             | 57,000  | 56,000    | 1,175          | 65,810,000    | 16,500  | 16,200    | 1,206          | 19,530,000  |
| Wells                | 37,000  | 36,500    | 1,277          | 46,610,000    | 16,000  | 15,200    | 1,041          | 15,820,000  |
| Combined Counties    |         |           |                |               |         |           |                |             |
| <b>Central</b>       | 155,000 | 153,000   | 1,322          | 202,310,000   | 69,000  | 67,600    | 1,092          | 73,800,000  |
| Barnes               | 37,000  | 36,700    | 1,499          | 55,000,000    | 5,600   | 5,400     | 1,285          | 6,940,000   |
| Cass                 | 7,000   | 6,900     | 1,388          | 9,580,000     | 7,600   | 7,500     | 1,247          | 9,350,000   |
| Griggs               | 24,000  | 23,400    | 1,586          | 37,110,000    | 4,900   | 4,200     | 1,050          | 4,410,000   |
| Steele               | 7,500   | 7,500     | 1,843          | 13,820,000    | 2,100   | 2,000     | 1,075          | 2,150,000   |
| Trail                | 1,500   | 1,500     | 1,347          | 2,020,000     | 5,300   | 4,700     | 1,077          | 5,060,000   |
| Combined Counties    |         |           |                |               |         |           |                |             |
| <b>East Central</b>  | 77,000  | 76,000    | 1,546          | 117,530,000   | 25,500  | 23,800    | 1,173          | 27,910,000  |
| Adams                | 13,500  | 13,300    | 1,275          | 16,960,000    |         |           |                |             |
| Billings             | 1,500   | 1,500     | 1,767          | 2,650,000     |         |           |                |             |
| Bowman               | 5,500   | 5,500     | 1,338          | 7,360,000     |         |           |                |             |
| Golden Valley        | 2,000   | 2,000     | 1,245          | 2,490,000     |         |           |                |             |
| Hettinger            | 9,000   | 8,700     | 1,605          | 13,960,000    |         |           |                |             |
| Slope                | 4,500   | 4,500     | 1,553          | 6,990,000     |         |           |                |             |
| Stark                | 6,000   | 6,000     | 1,663          | 9,980,000     |         |           |                |             |
| Combined Counties    |         |           |                |               | 800     | 800       | 913            | 730,000     |
| <b>Southwest</b>     | 42,000  | 41,500    | 1,455          | 60,390,000    | 800     | 800       | 913            | 730,000     |
| Burleigh             | 27,500  | 27,400    | 1,366          | 37,430,000    | 3,900   | 3,900     | 1,359          | 5,300,000   |
| Emmons               | 59,000  | 58,800    | 1,599          | 94,050,000    | 4,700   | 4,700     | 1,443          | 6,780,000   |
| Grant                | 24,500  | 24,400    | 1,421          | 34,670,000    | 3,300   | 3,300     | 1,382          | 4,560,000   |
| Morton               | 32,500  | 32,400    | 1,544          | 50,040,000    | 5,100   | 5,100     | 1,463          | 7,460,000   |
| Sioux                | 11,500  | 11,500    | 1,522          | 17,500,000    |         |           |                |             |
| Combined Counties    |         |           |                |               |         |           |                |             |
| <b>South Central</b> | 155,000 | 154,500   | 1,513          | 233,690,000   | 17,000  | 17,000    | 1,418          | 24,100,000  |
| Dickey               | 16,500  | 16,400    | 1,345          | 22,050,000    | 900     | 900       | 1,844          | 1,660,000   |
| LaMoure              | 28,000  | 27,700    | 1,309          | 36,260,000    | 4,000   | 4,000     | 1,245          | 4,980,000   |
| Logan                | 33,000  | 32,700    | 1,478          | 48,330,000    | 2,800   | 2,800     | 1,571          | 4,400,000   |
| McIntosh             | 36,000  | 35,800    | 1,293          | 46,300,000    | 2,100   | 2,100     | 1,190          | 2,500,000   |
| Ransom               | 3,500   | 3,400     | 1,338          | 4,550,000     | 900     | 900       | 1,478          | 1,330,000   |
| Richland             | 2,500   | 2,500     | 1,348          | 3,370,000     | 1,800   | 1,800     | 1,844          | 3,320,000   |
| Sargent              | 500     | 500       | 1,320          | 660,000       | 500     | 500       | 1,840          | 920,000     |
| Combined Counties    |         |           |                |               |         |           |                |             |
| <b>Southeast</b>     | 120,000 | 119,000   | 1,357          | 161,520,000   | 13,000  | 13,000    | 1,470          | 19,110,000  |
| Combined Districts   |         |           |                |               |         |           |                |             |
| <b>STATE</b>         | 870,000 | 860,000   | 1,470          | 1,264,200,000 | 220,000 | 215,000   | 1,260          | 270,900,000 |

<sup>1/</sup> Data published in combined counties or districts to avoid disclosure of individual operations.

OIL and NON-OIL SUNFLOWER, Acreage and Production, North Dakota, 2000 <sup>1/</sup>

| District and County  | Oil       |           |                |               | Non-oil |           |                |             |
|----------------------|-----------|-----------|----------------|---------------|---------|-----------|----------------|-------------|
|                      | Planted   | Harvested | Yield Per Acre | Production    | Planted | Harvested | Yield Per Acre | Production  |
|                      | Acres     | Acres     | Lbs            | Lbs           | Acres   | Acres     | Lbs            | Lbs         |
| Burke                | 4,900     | 4,800     | 1,125          | 5,400,000     |         |           |                |             |
| Divide               | 1,100     | 1,100     | 1,191          | 1,310,000     |         |           |                |             |
| Mountrail            | 4,200     | 4,100     | 1,241          | 5,090,000     | 1,600   | 1,500     | 1,200          | 1,800,000   |
| Renville             | 21,000    | 20,600    | 1,340          | 27,610,000    | 1,500   | 1,500     | 1,160          | 1,740,000   |
| Ward                 | 35,000    | 31,600    | 1,560          | 49,310,000    | 5,100   | 4,400     | 1,223          | 5,380,000   |
| Williams             | 800       | 800       | 1,100          | 880,000       |         |           |                |             |
| Combined Counties    |           |           |                |               | 400     | 400       | 1,200          | 480,000     |
| <b>Northwest</b>     | 67,000    | 63,000    | 1,422          | 89,600,000    | 8,600   | 7,800     | 1,205          | 9,400,000   |
| Benson               | 25,000    | 21,600    | 1,215          | 26,240,000    | 20,700  | 19,500    | 1,108          | 21,600,000  |
| Bottineau            | 47,500    | 44,200    | 1,138          | 50,290,000    | 19,000  | 18,600    | 1,403          | 26,100,000  |
| McHenry              | 50,000    | 47,900    | 1,379          | 66,040,000    | 5,100   | 3,700     | 1,151          | 4,260,000   |
| Pierce               | 26,000    | 23,700    | 1,221          | 28,940,000    | 5,900   | 4,000     | 1,290          | 5,160,000   |
| Rolette              | 11,500    | 10,600    | 1,098          | 11,640,000    | 2,300   | 2,200     | 1,400          | 3,080,000   |
| Combined Counties    |           |           |                |               |         |           |                |             |
| <b>North Central</b> | 160,000   | 148,000   | 1,238          | 183,150,000   | 53,000  | 48,000    | 1,254          | 60,200,000  |
| Cavalier             | 4,500     | 4,000     | 1,050          | 4,200,000     | 23,300  | 22,500    | 1,240          | 27,900,000  |
| Grand Forks          | 24,500    | 22,900    | 1,207          | 27,630,000    | 7,000   | 6,100     | 1,238          | 7,550,000   |
| Nelson               | 20,500    | 18,200    | 1,370          | 24,940,000    | 11,400  | 11,000    | 1,033          | 11,360,000  |
| Pembina              | 5,500     | 5,400     | 1,580          | 8,530,000     | 3,200   | 3,100     | 1,171          | 3,630,000   |
| Ramsey               | 5,000     | 4,900     | 1,198          | 5,870,000     | 12,700  | 9,900     | 1,000          | 9,900,000   |
| Towner               | 8,500     | 7,200     | 1,013          | 7,290,000     | 7,200   | 6,300     | 1,187          | 7,480,000   |
| Walsh                | 21,500    | 20,400    | 1,428          | 29,140,000    | 7,200   | 7,100     | 1,279          | 9,080,000   |
| Combined Counties    |           |           |                |               |         |           |                |             |
| <b>Northeast</b>     | 90,000    | 83,000    | 1,296          | 107,600,000   | 72,000  | 66,000    | 1,165          | 76,900,000  |
| Dunn                 | 6,000     | 5,900     | 1,100          | 6,490,000     | 1,000   | 1,000     | 1,310          | 1,310,000   |
| McKenzie             | 1,500     | 1,500     | 1,100          | 1,650,000     |         |           |                |             |
| McLean               | 15,500    | 14,800    | 1,370          | 20,270,000    | 6,000   | 5,600     | 1,450          | 8,120,000   |
| Mercer               | 4,000     | 3,900     | 1,305          | 5,090,000     | 900     | 900       | 1,300          | 1,170,000   |
| Oliver               | 6,000     | 5,900     | 1,610          | 9,500,000     | 1,600   | 1,500     | 1,200          | 1,800,000   |
| Combined Counties    |           |           |                |               |         |           |                |             |
| <b>West Central</b>  | 33,000    | 32,000    | 1,344          | 43,000,000    | 9,500   | 9,000     | 1,378          | 12,400,000  |
| Eddy                 | 15,000    | 12,700    | 1,206          | 15,310,000    | 15,500  | 13,000    | 1,073          | 13,950,000  |
| Foster               | 36,000    | 34,200    | 1,337          | 45,730,000    | 29,000  | 27,800    | 1,191          | 33,100,000  |
| Kidder               | 10,000    | 9,400     | 1,750          | 16,450,000    | 1,500   | 1,400     | 1,429          | 2,000,000   |
| Sheridan             | 20,000    | 19,000    | 1,405          | 26,700,000    | 6,300   | 6,100     | 1,328          | 8,100,000   |
| Stutsman             | 71,000    | 70,300    | 1,432          | 100,690,000   | 27,700  | 27,000    | 1,523          | 41,110,000  |
| Wells                | 48,000    | 44,400    | 1,226          | 54,420,000    | 25,000  | 23,700    | 1,073          | 25,440,000  |
| Combined Counties    |           |           |                |               |         |           |                |             |
| <b>Central</b>       | 200,000   | 190,000   | 1,365          | 259,300,000   | 105,000 | 99,000    | 1,249          | 123,700,000 |
| Barnes               | 53,000    | 52,500    | 1,491          | 78,280,000    | 7,000   | 6,600     | 1,383          | 9,130,000   |
| Cass                 | 11,500    | 10,700    | 1,457          | 15,590,000    | 7,000   | 6,700     | 1,155          | 7,740,000   |
| Griggs               | 29,000    | 26,700    | 1,397          | 37,290,000    | 5,900   | 5,800     | 1,316          | 7,630,000   |
| Steele               | 8,500     | 8,100     | 1,726          | 13,980,000    | 2,800   | 2,700     | 1,193          | 3,220,000   |
| Trail                | 3,000     | 3,000     | 1,287          | 3,860,000     | 4,300   | 4,200     | 1,400          | 5,880,000   |
| Combined Counties    |           |           |                |               |         |           |                |             |
| <b>East Central</b>  | 105,000   | 101,000   | 1,475          | 149,000,000   | 27,000  | 26,000    | 1,292          | 33,600,000  |
| Adams                | 16,000    | 15,700    | 1,127          | 17,700,000    |         |           |                |             |
| Billings             | 500       | 500       | 1,240          | 620,000       |         |           |                |             |
| Bowman               | 7,800     | 7,500     | 1,200          | 9,000,000     |         |           |                |             |
| Golden Valley        | 2,300     | 2,300     | 1,096          | 2,520,000     |         |           |                |             |
| Hettinger            | 12,500    | 12,300    | 1,597          | 19,640,000    |         |           |                |             |
| Slope                | 5,100     | 5,000     | 1,220          | 6,100,000     |         |           |                |             |
| Stark                | 5,800     | 5,700     | 1,495          | 8,520,000     | 500     | 500       | 1,460          | 730,000     |
| Combined Counties    |           |           |                |               | 900     | 900       | 1,189          | 1,070,000   |
| <b>Southwest</b>     | 50,000    | 49,000    | 1,308          | 64,100,000    | 1,400   | 1,400     | 1,286          | 1,800,000   |
| Burleigh             | 26,000    | 23,900    | 1,586          | 37,900,000    | 3,700   | 3,600     | 1,403          | 5,050,000   |
| Emmons               | 66,000    | 64,800    | 1,713          | 111,000,000   | 5,900   | 5,800     | 1,600          | 9,280,000   |
| Grant                | 25,000    | 24,500    | 1,302          | 31,900,000    | 2,200   | 2,200     | 1,355          | 2,980,000   |
| Morton               | 26,000    | 25,800    | 1,752          | 45,200,000    | 7,700   | 7,600     | 1,400          | 10,640,000  |
| Sioux                | 7,000     | 7,000     | 1,729          | 12,100,000    | 500     | 500       | 1,500          | 750,000     |
| Combined Counties    |           |           |                |               |         |           |                |             |
| <b>South Central</b> | 150,000   | 146,000   | 1,631          | 238,100,000   | 20,000  | 19,700    | 1,457          | 28,700,000  |
| Dickey               | 24,500    | 24,300    | 1,509          | 36,680,000    | 2,600   | 2,600     | 1,200          | 3,120,000   |
| LaMoure              | 47,000    | 46,300    | 1,337          | 61,880,000    | 10,500  | 10,400    | 1,301          | 13,530,000  |
| Logan                | 29,000    | 28,700    | 1,575          | 45,210,000    | 2,500   | 2,500     | 1,468          | 3,670,000   |
| McIntosh             | 42,000    | 41,300    | 1,589          | 65,620,000    | 2,600   | 2,400     | 1,258          | 3,020,000   |
| Ransom               | 6,500     | 6,400     | 1,455          | 9,310,000     | 1,000   | 900       | 1,656          | 1,490,000   |
| Richland             | 4,500     | 4,500     | 1,338          | 6,020,000     | 3,800   | 3,800     | 1,524          | 5,790,000   |
| Sargent              | 1,500     | 1,500     | 1,387          | 2,080,000     | 500     | 500       | 1,360          | 680,000     |
| Combined Counties    |           |           |                |               |         |           |                |             |
| <b>Southeast</b>     | 155,000   | 153,000   | 1,482          | 226,800,000   | 23,500  | 23,100    | 1,355          | 31,300,000  |
| Combined Districts   |           |           |                |               |         |           |                |             |
| <b>STATE</b>         | 1,010,000 | 965,000   | 1,410          | 1,360,650,000 | 320,000 | 300,000   | 1,260          | 378,000,000 |

<sup>1/</sup> Data published in combined counties or districts to avoid disclosure of individual operations.